

## EAST Search History

| Ref # | Hits   | Search Query             | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|--------|--------------------------|---|------------------|---------|------------------|
| S1    | 1      | ("5502686").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/15 08:19 |
| S2    | 1      | ("5810045").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:13 |
| S3    | 1      | ("6508930").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:14 |
| S4    | 1      | ("6358401").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:16 |
| S5    | 1      | ("7050944").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:17 |
| S6    | 1      | ("6859759").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:18 |
| S7    | 1      | ("6974559").PN.          | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:19 |
| S8    | 0      | ("10717250").PN.         | USPAT; USOCR                              | OR               | OFF     | 2006/12/14 15:19 |
| S9    | 165    | evans.in. and martin.in. | US-PGPUB; USPAT                           | OR               | OFF     | 2006/12/15 08:22 |
| S10   | 71320  | catalyst.ab.             | US-PGPUB; USPAT                           | OR               | OFF     | 2006/12/15 08:23 |
| S11   | 19     | S9 and S10               | US-PGPUB; USPAT                           | OR               | OFF     | 2006/12/15 12:17 |
| S12   | 1370   | 34/194,236.ccls.         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/12/15 09:23 |
| S13   | 430    | 55/356.ccls.             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/12/15 09:23 |
| S14   | 114354 | "414"/\$.ccls.           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/12/15 09:24 |
| S15   | 903089 | catalyst                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/12/15 09:24 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S16 | 4       | S12 and S15                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 09:26 |
| S17 | 5       | S13 and S15                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 09:28 |
| S18 | 197     | S14 and S15                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:28 |
| S19 | 4864732 | (catalyst near\$3 handling or<br>transport\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:10 |
| S20 | 1718    | catalyst.ab. and handling.ab.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:11 |
| S21 | 1499    | catalyst.ab. and transport.ab.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:11 |
| S22 | 1718    | S19 and S20                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:11 |
| S23 | 1499    | S19 and S21                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:12 |
| S24 | 76      | S22 and cracking                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:13 |
| S25 | 182     | S23 and cracking                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 10:16 |

## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S26 | 21      | ("0994859"   "1168947"   "1833915"   "2052119"   "2569982"   "3178048"   "3257007"   "3307724"   "3441158").PN. OR ("3653526").URPN. | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2006/12/15 11:11 |
| S27 | 4356    | 422/139,145,219,239,297,300.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:36 |
| S28 | 4574553 | catalyst\$ near\$4 handling or transport   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:37 |
| S29 | 4094094 | catalyst\$ near\$4 handling  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:37 |
| S30 | 4023882 | catalyst\$ near\$4 transport   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:37 |
| S31 | 2171    | S27 and S29  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:39 |
| S32 | 2105    | S27 and S30  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:38 |
| S33 | 540     | S31 and catalyst.ab.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:42 |
| S34 | 540     | S32 and catalyst.ab.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:39 |
| S35 | 726     | catalyst near handling   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/15 11:42 |

## EAST Search History

|     |         |                              |   |    |     |                  |
|-----|---------|------------------------------|---|----|-----|------------------|
| S36 | 665     | catalyst near transport      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:42 |
| S37 | 4164944 | catalyst near\$3 injection   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:43 |
| S38 | 4066634 | catalyst near\$2 injection   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:43 |
| S39 | 13      | S27 and S35                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:46 |
| S40 | 97      | S27 and S36                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 11:46 |
| S41 | 244     | 208/152.ccls.                | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/12/15 12:18 |
| S42 | 81      | S41 and catalyst.ab.         | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/12/15 12:40 |
| S43 | 1       | ("4769127").PN.              | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/15 12:48 |
| S44 | 28      | (catalyst adj handling).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/18 15:42 |
| S45 | 29      | (catalyst adj transport).ab. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/15 12:51 |
| S46 | 0       | ("4769127").URPN.            | USPAT   | OR | OFF | 2006/12/15 12:56 |
| S47 | 0       | ("4769127").URPN.            | USPAT   | OR | OFF | 2006/12/15 12:56 |
| S48 | 1       | ("5389236").PN.              | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/18 08:20 |
| S49 | 1       | ("5810045").PN.              | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/18 08:21 |

## EAST Search History

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S50 | 2  | ("2616591").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:13 |
| S51 | 1  | ("4660881").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 08:23 |
| S52 | 1  | ("4762427").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 08:23 |
| S53 | 1  | ("4809889").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 08:25 |
| S54 | 1  | ("5055176").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 08:25 |
| S55 | 1  | ("5286370").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 08:25 |
| S56 | 1  | ("4769127").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 10:57 |
| S57 | 14 | ("2847364"   "3483829"  <br>"3679563"   "3773653"   "3893911"<br>  "3918585"   "3948764"  <br>"4059194"   "4082042"   "4360304"<br>  "4482285").PN. OR ("4769127").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/18 11:39 |
| S58 | 1  | ("5389239").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 11:42 |
| S59 | 1  | ("7050944").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 11:42 |
| S60 | 1  | ("5464591").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:27 |
| S61 | 1  | ("6132157").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:40 |
| S62 | 1  | ("5897282").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:40 |
| S63 | 1  | ("7041259").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:49 |
| S64 | 1  | ("3850582").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/18 15:55 |
| S65 | 1  | ("4082513").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/19 16:37 |
| S66 | 23 | ("2536402"   "2695212"  <br>"2897009"   "3090593"   "3437384"<br>  "3850582").PN. OR ("4082513").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/18 15:56 |
| S67 | 1  | ("5897282").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/19 12:06 |
| S68 | 2  | ("2616591").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/12/19 13:57 |

## EAST Search History

|     |    |                                  |   |    |     |                  |
|-----|----|----------------------------------|---|----|-----|------------------|
| S69 | 1  | ("4808298").PN.                  | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/19 17:13 |
| S70 | 12 | pallet with barge with container | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/19 17:13 |
| S71 | 1  | ("4809883").PN.                  | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/20 09:38 |